

January 22, 2004
Case No.: AUS920010194US1 (9000/35)
Serial No.: 09/821,109
Filed: March 29, 2001
Page 3 of 14

CLAIM AMENDMENTS:

A listing of the entire set of pending claims 1-21 (including non-statutory amendments to independent claims 8 and 15) is submitted herewith per 37 C.F.R. §1.121. This listing of pending claims 1-21 will replace all prior versions, and listings, of claims in the application.

- A
3
1. (Original) A method of interfacing to pre-existing software code, comprising:
providing a software wrapper capable of inheriting from at least a first application program interface (API) and a second API;
delegating to a pre-existing enumeration of objects for a call to the first API;
creating a vector identifying elements of the enumeration;
maintaining a positional cursor based on a call to the second API;
comparing the positional cursor to the vector; and
selectively extracting one or more additional elements from the enumeration based on the comparison of the positional cursor and the vector.
 2. (Original) The method of claim 1, wherein the first API is a java-based enumeration API.
 3. (Original) The method of claim 1, wherein the second API is a java-based collection API.
 4. (Original) The method of claim 1, further comprising:
providing an iterator, associated with the second API, for maintaining the positional cursor.

January 22, 2004
Case No.: AUS920010194US1 (9000/35)
Serial No.: 09/821,109
Filed: March 29, 2001
Page 4 of 14

5. (Original) The method of claim 1, further comprising:
providing a plurality of iterators for maintaining a plurality of positional cursors.
6. (Original) The method of claim 1, further comprising:
synchronizing a plurality of methods for extracting the elements from the
enumeration.
7. (Original) The method of claim 1, wherein the step of selectively extracting includes:
extracting the elements from the enumeration when the positional cursor matches the
size of the vector.
8. (Currently Amended) A system, comprising:
a processor for executing a software program;
a memory, operatively coupled to the processor, storing the software program,
wherein the software program comprises:
means for providing a first application program interface (API) and a second
API;
means for delegating to a pre-existing enumeration of objects for a call to the
first API;
means for creating a vector identifying elements of the enumeration;
means for maintaining a positional cursor in response to a call to the second
API;
means for comparing the positional cursor to the vector; and
means for selectively extracting one or more additional elements from the
enumeration based on the comparison of the positional cursor and the vector.

A
3

January 22, 2004
Case No.: AUS920010194US1 (9000/35)
Serial No.: 09/821,109
Filed: March 29, 2001
Page 5 of 14

9. (Original) The system of claim 8, further comprising software code for defining the enumeration.

10. (Original) The system of claim 8, wherein the first API is a java-based enumeration API.

11. (Original) The system of claim 8, wherein the second API is a java-based collection API.

A
3
12. (Original) The system of claim 8, wherein the software program further comprises:
means for providing an iterator, associated with the second API, for maintaining the positional cursor.

13. (Original) The system of claim 8, wherein the software program further comprises:
means for providing a plurality of iterators for maintaining a plurality of positional cursors.

14. (Original) The system of claim 8, wherein the software program further comprises:
means for synchronizing a plurality of methods for extracting the elements from the enumeration.

BEST AVAILABLE COPY

January 22, 2004
Case No.: AUS920010194US1 (9000/35)
Serial No.: 09/821,109
Filed: March 29, 2001
Page 6 of 14

15. (Currently Amended) A computer program product in a computer-usable medium, comprising:

means for providing a first application program interface (API) and a second API;

means for delegating to a pre-existing enumeration of objects for a call to the first API;

means for creating a vector identifying elements of the enumeration;

means for maintaining a positional cursor in response to a call to the second API;

means for comparing the positional cursor to the vector; and

means for selectively extracting one or more additional elements from the enumeration based on the comparison of the positional cursor and the vector.

16. (Original) The computer program product of claim 15, further comprising:
means for defining the enumeration.

17. (Original) The computer program product of claim 15, wherein the first API is a java-based enumeration API.

18. (Original) The computer program product of claim 15, wherein the second API is a java-based collection API.

19. (Original) The computer program product of claim 15, further comprising:
means for providing an iterator, associated with the second API, for maintaining the positional cursor.

January 22, 2004
Case No.: AUS920010194US1 (9000/35)
Serial No.: 09/821,109
Filed: March 29, 2001
Page 7 of 14

- A
3
20. (Original) The computer program product of claim 15, further comprising:
means for providing a plurality of iterators for maintaining a plurality of positional
cursors.
21. (Original) The computer program product of claim 15, further comprising:
means for synchronizing a plurality of methods for extracting the elements from the
enumeration.
- 